

Product Information

VEGFR inhibitor SU10944, Purity $\geq 98\%$

Cat. No.: X24-06-ZQ259

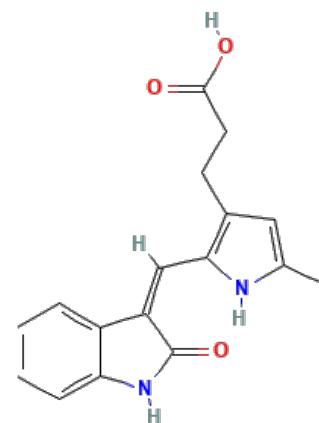
Size: 2 mg; 5 mg; 10 mg; 25 mg

CAS Number: 515821-11-1

Compound CID: 9900812

Synonym: 515821-11-1; VEGFR inhibitor; SU 10944; SU-10944

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	SU10944 is a protein tyrosine kinase inhibitor that has shown potent biochemical activity against VEGFR.
Molecular Weight	296.32
Molecular Formula	C ₁₇ H ₁₆ N ₂ O ₃
IUPAC Name	3-[5-Methyl-2-[(Z)-(2-oxo-1H-indol-3-ylidene)methyl]-1H-pyrrol-3-yl]propanoic acid
InChI	InChI=1S/C17H16N2O3/c1-10-8-11(6-7-16(20)21)15(18-10)9-13-12-4-2-3-5-14(12)19-17(13)22/h2-5,8-9,18H,6-7H2,1H3,(H,19,22)(H,20,21)/b13-9-
InChI Key	JTSHKHXCXDTXFCS-LCYFTJDESA-N
Canonical SMILES	CC1=CC(=C(N1)C=C2C3=CC=CC=C3NC2=O)CCC(=O)O
Isomeric SMILES	CC1=CC(=C(N1)/C=C\2/C3=CC=CC=C3NC2=O)CCC(=O)O
Form	Lyophilized powder
Purity	$\geq 98\%$
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	SU10944 is used to research VEGFR inhibition, crucial for developing therapeutic strategies against angiogenesis.
Storage	Store at -20°C, and keep desiccated.